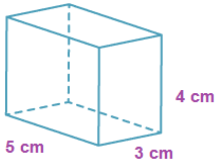
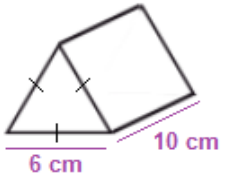
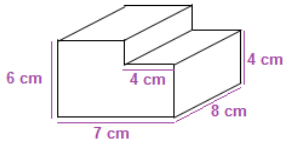
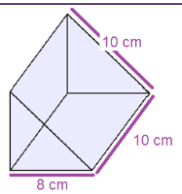
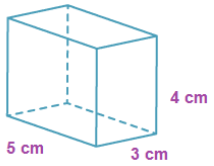
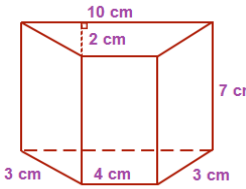
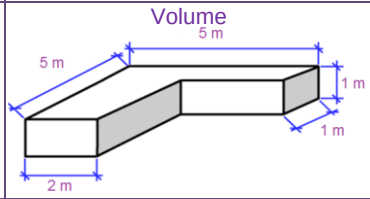
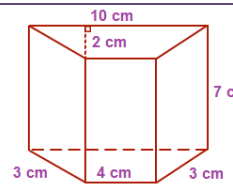
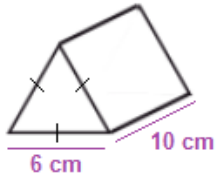
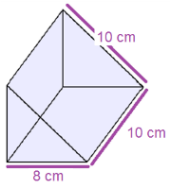
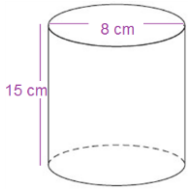
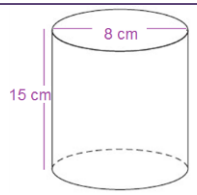
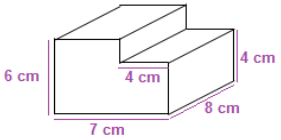
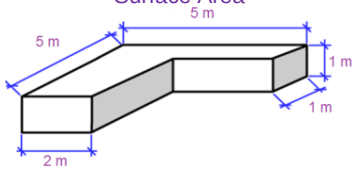
JustMaths

Surface Area and Volume - Connect 4 (2)

Working in pairs – each person takes it in turns to choose a question from the question grid to answer. The correct solution will be found in the answer grid (if your solution is not in the grid, you need to reconsider your answer), and you can colour that box on the answer grid. To win, you need to connect four answers in a line (horizontally, vertically or diagonally) on the answer grid.

Question Grid

Volume 	Surface area of a 2 x 3 x 4 cm cuboid	Volume 	Surface area 
Volume 	Volume of a 3 cm cube	Surface area 	Surface area 
Surface area of a 2 cm cube	Volume 	Find the length of a hexagonal prism with a volume of 240 cm^3 and a cross sectional area of 48 cm^2	Volume of a 2 x 3 x 8 cm cuboid
Volume 	Surface area 	Surface area 	Surface area 
Volume 	Surface area of a 6 x 7 x 2 cm cuboid	Volume 	Surface Area 

Answer Grid

195.59	24	46	240
272	168	5	27
13	288	155.88	48.0
753.98	477.52	94	98
60	52	276	136

ANSWERS GIVEN TO 2 DECIMAL PLACES WHERE APPROPRIATE

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